PA-041 Bridge push off
Standard Drawings Folder

PUSH-OFF DESIGN LIMITS

1. MAXIMUM LOAD: 2 - 5000 LB. AXLE LOADS AT 4' SPACING AND DEADWEIGHT.
2. FOUNDATION SOIL SHOULD HAVE AT LEAST 1000 PSF BEARING CAPACITY.
3. USE SUPPORT WALL THAT IS ADEQUATE FOR LOADED PUSH-OFF.
4. MINIMUM MATERIAL STRENGTHS: f'c=4000psi fy=60ksi (GRADE 60)
5. DESIGN ON FILE IN NRCS STATE OFFICE, HARRISBURG, PA.
6. END SPACE TO REBAR SPACE MUST BE GREATER THAN 2", BUT NOT EXCEED 4-1/2".

PLAN VIEW

Not To Scale

ELEVATION

SECTION A-A

NOTES:

1. PROVIDE SAFETY GUARD ACROSS END OF PUSH-OFF; SEE PA-039
2. RECOMMEND PUSH-OFF SLOPE OF 1/4" TO 1/2" PER FOOT.
3. PROVIDE STABLE, NON-EROSIVE SURFACE ON SLOPE UNDER PUSH-OFF.
4. PROVIDE "DOWEL" INTO EXISTING SUPPORT WALL OR EXTEND VERTICAL REINFORCEMENT IN NEW WALL.

REDRAWN: TJA 7/05

A. WOOD	4/82	
S. DUNN	4/82	

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

_____COUNTY, PENNSYLVANIA

BRIDGE PUSH-OFF

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